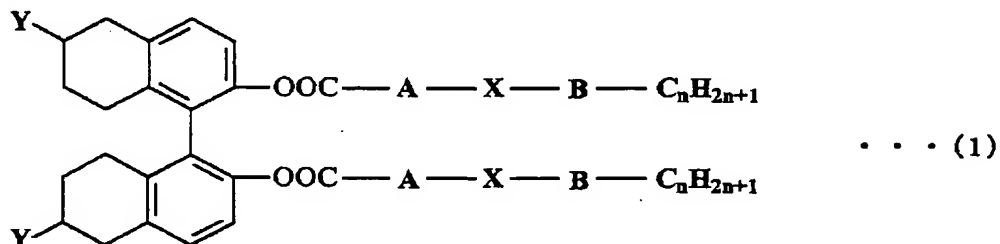


## ABSTRACT OF THE DISCLOSURE:

An optically active compound containing  
 5,5',6,6',7,7',8,8'-octahydro-1,1'-bi-2-naphthol of the  
 5 general formula (1) as an asymmetric source,



wherein n is an integer of 1 to 10, Y is a hydrogen atom,  
 an alkyl group having 1 to 5 carbon atoms, a phenyl group,  
 a phenyl group substituted with an alkyl group having 1 to  
 10 5 carbon atoms or a phenyl group substituted with an alkoxy  
 group having 1 to 4 carbon atoms, X is a single bond (-),  
 -OOC- or -OCH<sub>2</sub>-, and each of A and B is a substituent formed  
 by specifically combining rings selected from cyclohexane,  
 benzene, pyrimidine, naphthalene, dioxane, etc., including  
 15 mutual bonding forms of rings so that the substituent has  
 1 to 4 rings, the optically active compound  
 characteristically having a large helical twisting power  
 (HTP) of 50 or more and being useful as a chiral dopant,  
 the chiral dopant being capable of adjusting a helical pitch  
 20 when only added in a small amount, so that the deterioration  
 of performances of a base liquid crystal can be prevented.